



Linear/Planar Motors and Other Special Motors

Guest Editors:

Dr. Lu Zhang

Dr. Lei Huang

Dr. Zijiao Zhang

Dr. Mei Zhao

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Message from the Guest Editors

Special motors refer to motors designed and manufactured according to specific work requirements. They can be divided into various types, such as stepper motors, linear/planar motors, servo motors, electromagnetic dampers, etc. The application fields of special motors are constantly expanding, such as stepper motors being widely used in printers, CNC machine tools, 3D printers, etc. Linear/planar motors are widely used in semiconductor manufacturing equipment, LCD panel production equipment, flexible conveying systems, etc. Servo motors are widely used in robots, automated production lines, medical devices, etc. Electromagnetic dampers are widely used in motion device braking systems, automotive electromagnetic shock absorption, etc. The application fields of special motors are constantly expanding, including electric vehicles, new energy, future factories, and other fields.

The aim of this Special Issue is to present and disseminate the newest research concerning the topology, design, modelling, optimization, control methods and future development trends of all kinds of special motors. Examinations of relevant technologies related to special motors are also encouraged.





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Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and
Aerospace Engineering,
University of Roma Sapienza, Via
Eudossiana 18, 00184 Roma, Italy

Message from the Editor-in-Chief

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Energies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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